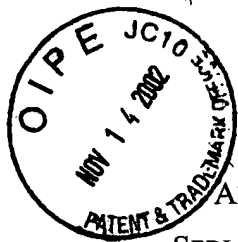


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Attorney Docket No. 18242-507 (VI-00181)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Hammond et al.
SERIAL NUMBER: 09/543,188 EXAMINER : Zachariah Lucas
FILING DATE : April 5, 2000 ART UNIT : 1648
FOR : Prion-Binding Ligands and Methods of Using Same

Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

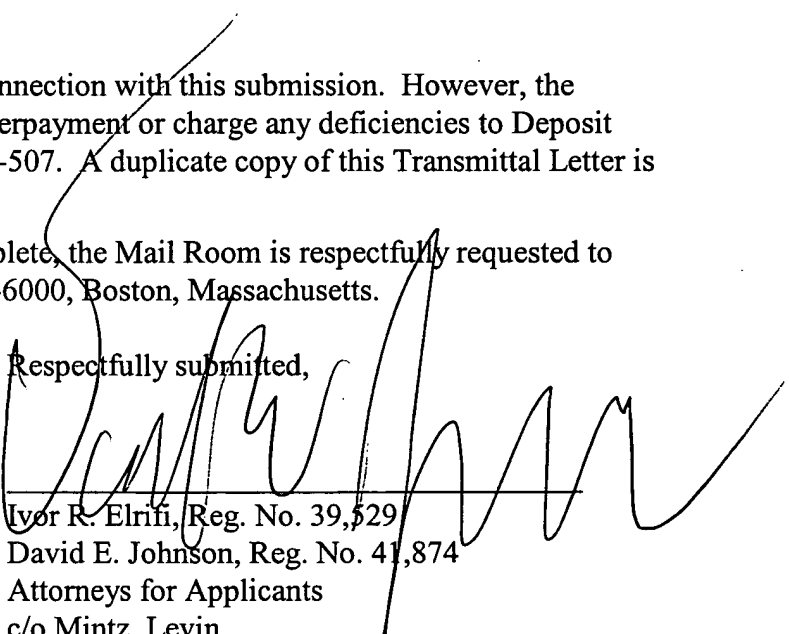
Transmitted herewith for filing in the present application are the following documents:

1. Response to August 14, 2002 Office Action (8 pgs); and,
2. Return Postcard.

Applicants believe that no fees are due in connection with this submission. However, the Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311, Reference No. 18242-507. A duplicate copy of this Transmittal Letter is enclosed.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned collect at (617) 542-6000, Boston, Massachusetts.

Respectfully submitted,



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Dated: November 14, 2002



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PATENT TRADEMARK OFFICE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Hammond et al.

SERIAL NUMBER: 09/543,188

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FILING DATE : April 5, 2000

ART UNIT : 1648

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RESPONSE TO AUGUST 14, 2002 OFFICE ACTION

In the Claims

Cancel claims 3, 4, 6, 15, 30-39 and 40-75 without prejudice.

Amend the claims as follows:

1. (Amended) A ligand less than about 6 kDa, which binds to a polypeptide comprising the amino acid sequence GWGQPHGG (SEQ ID NO:1) or a polypeptide analog comprising amino acid analogs that are retro-inverso isomers of the amino acid sequence GWGQPHGG (SEQ ID NO:1), wherein said ligand includes the amino acid sequence $X_1X_2X_3X_4X_5X_6$ (SEQ ID NO:40), provided that

X_1 is L, W, or I;

X_2 is L, Q, F, or L;

X_3 is I, Y, V, F, or L;

X_4 is W or V;

X_5 is I; and

X_6 is P, A, F, K, or A.

(Amended) The peptide ligand of claim 1, wherein said polypeptide comprises a retro-inverso isomer of the amino acid sequence of GWGQPHGG (SEQ ID NO:1).